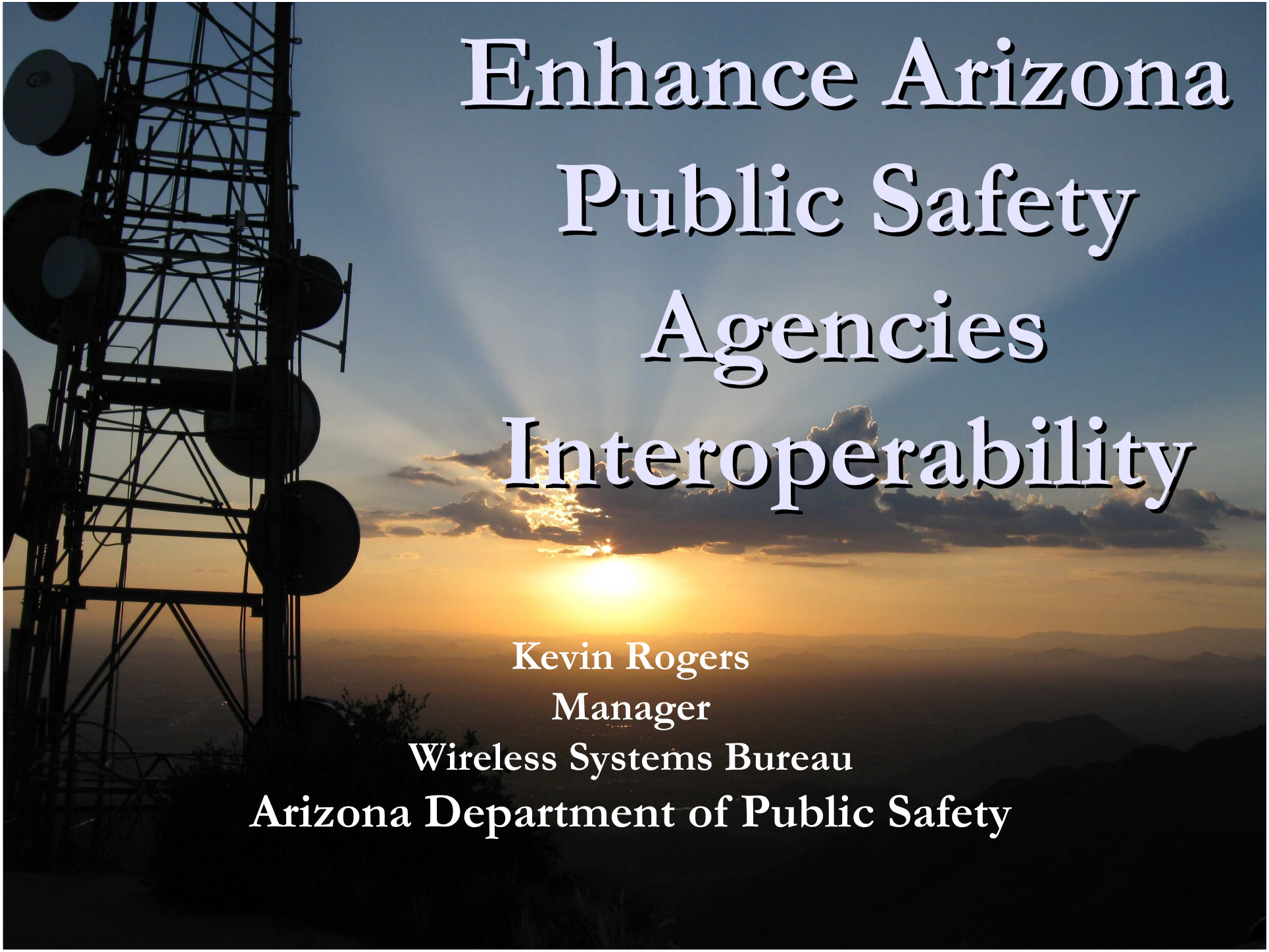


Enhance Arizona Public Safety Agencies Interoperability

Kevin Rogers
Manager
Wireless Systems Bureau
Arizona Department of Public Safety

PSIC Grant Funding

- DPS awarded $ 2,203,849.00
- Enhance state agency interoperability.
- Purchase base stations.
- Purchase radios.
- Grant expires March 2011.
- Grant requires 20% matching state funds.

PSIC Grant Funding

- Technology
  - Adopt advanced solutions.
  - Spectrum efficiency.
  - Use cost-effective measures.
- All hazards mitigation
  - Improve communications in high risk areas for natural disasters.
  - Improve interoperability in urban and metro areas at risk for threats of terrorism.

PSIC Project Limitations

- Single agency projects not supported – must include multi agency/multi disciplines.
- Single jurisdiction projects not supported – should be multi-jurisdictional and/or regional in scope.

Our Direction

- Macro Corporation report 2001.
- Federal Engineering Inc., conceptual system design 2008.
- Both reports recommend 700 MHz P25 statewide trunked communications system.
- PSCC approved that recommendation on April 24, 2007.

Our Direction

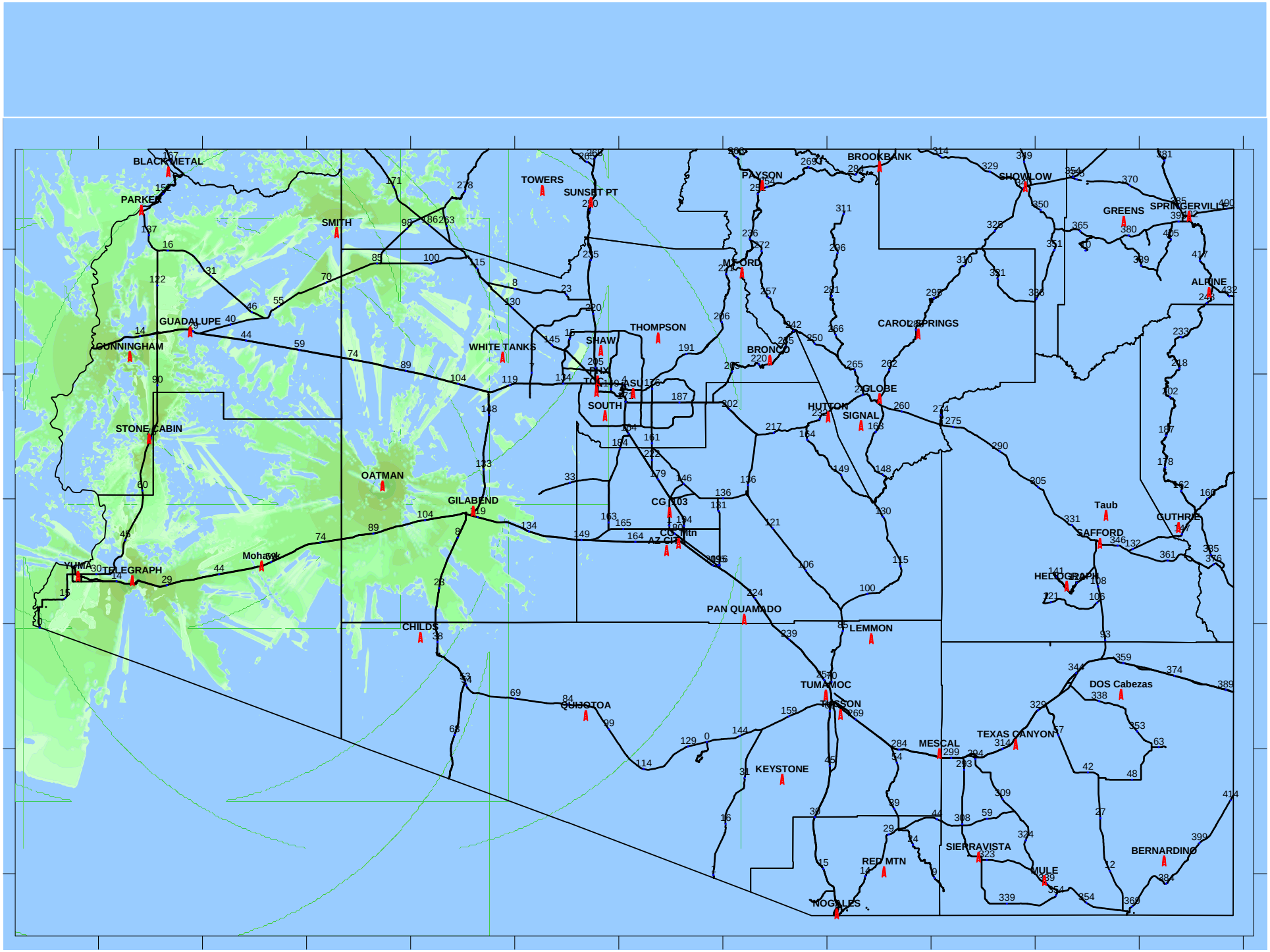
- Leverage the use of an existing systems.
- A design that will expand interoperability and operability well into the future.
- Build upon previous work/projects.
- Provide the most coverage over large population area and meet FCC's first construction deadline.

Our Direction

- State funded YRCS to install base stations at the DPS Oatman communications site.
- State purchased microwave between White Tanks and Oatman
- YRCS funding DPS microwave from Oatman-Telegraph-Stone Cabin.
- YRCS assisted DPS in remodeling of Stone Cabin Site and new tower construction.

Our Direction

- YRCS and WSB have had in place and tested high level interoperability connections between DPS Dist 4 UHF and EMSCOM UHF to YRCS talk groups.
- YRCS continues building out their system to cover LaPaz County using DPS sites and microwave.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GUNNINGHAM
WHITE TANKS
THOMPSON
SHAW
PHX
TOC
ASU
SOUTH
MIFORD
BRONCO
CAROL SPRINGS
GLOBE
HUTTON
SIGNAL
STONE CABIN
OATMAN
GILABEND
CG 103
AZ CH
Taub
GUTHRIE
SAFFORD
HELOGRAPH
YUMA
TELEGRAPH
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CHILDS
PAN QUAMADO
LEMMON
DOS Cabezas
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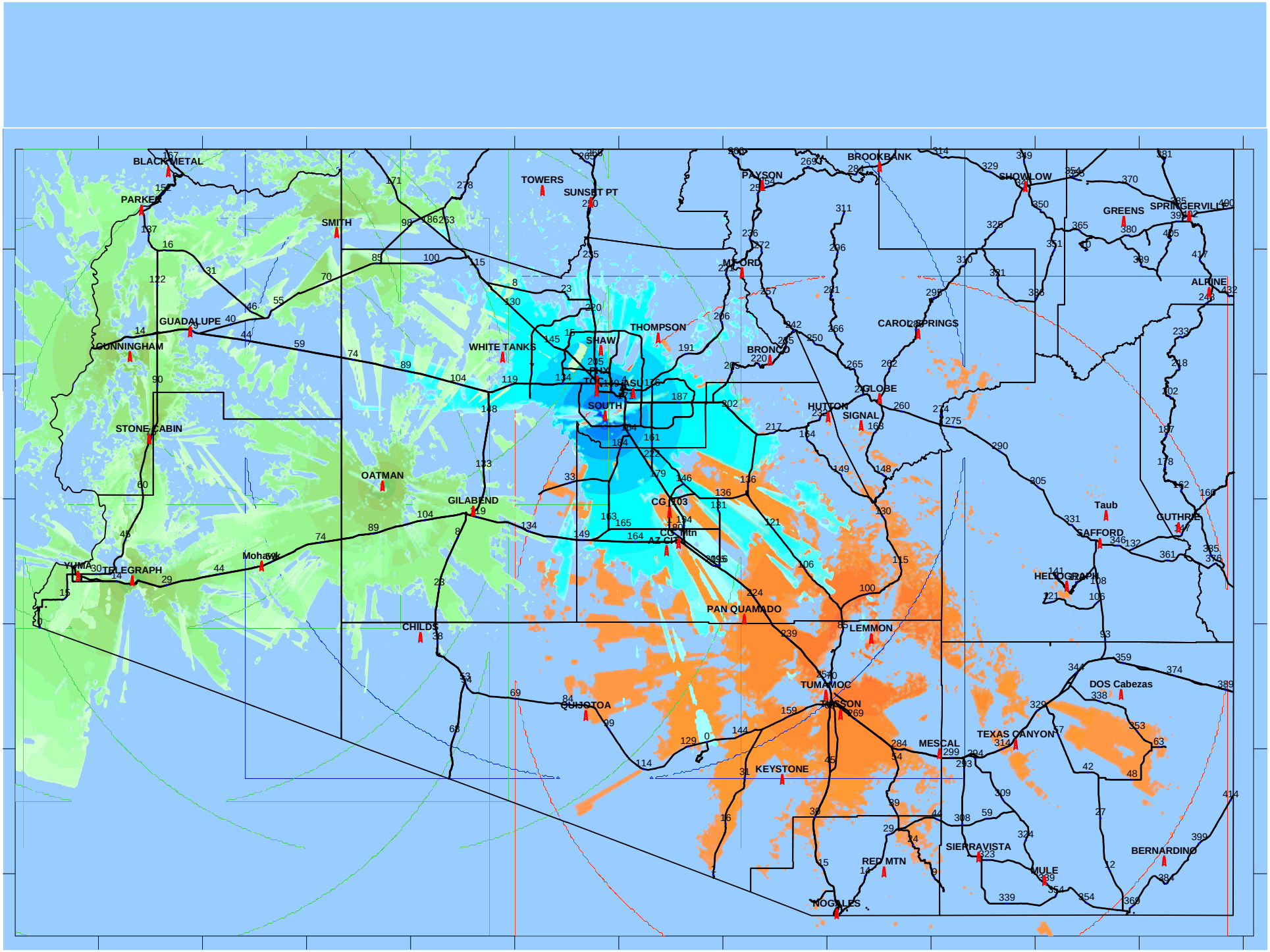
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- Operability
  - DPS task force. (GIITEM – IMPACT)
  - Arizona Department of Transportation
- Interoperability
  - DPS to ADOT.
  - DPS to Yuma PD and Sheriff.
  - DPS task forces to DPS UHF Systems.

Arizona Department of Public Safety

Questions

Kevin Rogers, Manager
Wireless Systems Bureau